

Table S1. *Burkholderia ubonensis* strains used in this study

Strain	Description	Source
Bu278 ¹	Meropenem resistant soil isolate, Puerto Rico	Price et al., 2017
MSMB2152	Meropenem susceptible soil isolate, Australia	Price et al., 2017
Bu290	Bu278 <i>slt</i> ::T23	This study
Bu295	Bu278 <i>nagZ</i> ::T23	This study
Bu296	Bu278 <i>Δslt</i>	This study
Bu308	Bu278 <i>ΔnagZ</i>	This study
Bu311	Bu278 <i>ΔpenA</i>	This study
Bu312	Bu278 <i>ΔpenB</i>	This study
Bu314	Bu278 <i>ΔampC</i>	This study
Bu333	Bu278 <i>amrB</i> ::T23	This study
Bu338	Bu278::mini-Tn7-TMP ^r - <i>araC-P_{BAD}</i> ^{2,3}	This study
Bu352	Bu308::mini-Tn7-TMP ^r - <i>araC-P_{BAD}</i>	This study
Bu356	Bu296::mini-Tn7-TMP ^r - <i>araC-P_{BAD}</i>	This study
Bu373	Bu308::mini-Tn7-TMP ^r - <i>araC-P_{BAD}-nagZ</i> ⁺	This study
Bu375	Bu296::mini-Tn7-TMP ^r - <i>araC-P_{BAD}-slt</i> ⁺	This study
Bu382	Bu312::mini-Tn7-TMP ^r - <i>araC</i> ⁴	This study
Bu379	Bu312::mini-Tn7-TMP ^r - <i>P_{penB}-penB_{Bu278}</i> ⁺⁵	This study
Bu393	Bu312:: mini-Tn7T-TMP ^r - <i>P_{penB}-penB_{MSMB2152}</i> ⁺	This study
Bu397	Bu312::mini-Tn7-TMP ^r	This study
Bu399	Bu312::mini-Tn7T-TMP ^r - <i>P_{penB}-penB_{Bu278}</i> ⁺	This study
Bu410	MSMB2152 <i>ΔpenB</i>	This study
Bu412	Bu410::mini-Tn7T-TMP ^r - <i>P_{penB}-penB_{MSMB2152}</i> ⁺⁶	This study
Bu414	Bu410:: mini-Tn7T-TMP ^r - <i>P_{penB}-penB_{Bu278}</i> ⁺	This study
Bu416	Bu410:: mini-Tn7T-TMP ^r	This study

¹Bu278 is also known as Bp8955 (E.P. Price et al., PLoS Negl Trop Dis 11:e0005928, 2017)

²Mini-Tn7 insertions in Bu278 derivatives are located at *glmS3*.

³mini-Tn7 insert from pTJ1 containing a TMP^r marker, the *E. coli araBAD* promoter (*P_{BAD}*), and *araC* encoding the *P_{BAD}* activator.

⁴*P_{BAD}* deleted

⁵*P_{PenB}*, native *penB* promoter

⁶Mini-Tn7 insertions in MSMB2152 derivatives are located at *glmS1*.